

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
TECHNICAL SERVICES DIVISION  
WATER LABORATORY**

**SEMIVOLATILE EXTRACTABLE ORGANIC ANALYSIS**

Sample Location	: INGRAM BARGE, NASHVILLE, TN. TANK #2		
Permit Number	:	Extracted by	: NA
Sample Number	: 049-970329-05-8	Date Extracted	: NA
Sample Date	: 032997	Analyzed by	: PBA
Sampled Time	: 0905	Date Analyzed	: 040397
Sampled By	: J. ZUELKE	Quantified By	: PBA
Sample Type	: LIQUID	Date Received	: 033197
		Lab Supervisor	: YHL
Instrument	: HP5971 MSD	File Name	: G970403C.D
Comments	: *Percent on non-extracted sample. Sample is diluted 1:100 ND=Non detected		

**SEMIVOLATILE ORGANICS BY EPA METHOD 8270**

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COMPOUNDS	CONCENTRATION	PQL
N-Nitrosodimethylamine	ND	
2-Picoline	ND	
Methyl methanesulfonate	ND	
Ethyl methanesulfonate	ND	
Phenol	ND	
Aniline	ND	
Bis(2-chloroethyl)ether	ND	
2-Chlorophenol	ND	
1,3-Dichlorobenzene	ND	
1,4-Dichlorobenzene	ND	
Benzyl alcohol	ND	
1,2-Dichlorobenzene	ND	
2-Methylphenol	ND	
Bis(2-chloroisopropyl)ether	ND	
4-Methylphenol	ND	
N-Nitroso-di-n-propylamine	ND	
Hexachloroethane	ND	
Acetophenone	ND	
Nitrobenzene	ND	
N-Nitrosopiperidine	ND	
Isophorone	ND	
2,4-Dimethylphenol	ND	
2-Nitrophenol	ND	
Benzoic acid	ND	
Bis(2-chloroethoxy)methane	ND	
2,4-Dichlorophenol	ND	
a,a-Dimethylphenethylamine	ND	
1,2,4-Trichlorobenzene	ND	

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**SEMIVOLATILE ORGANICS BY EPA METHOD 8270**

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COMPOUNDS	CONCENTRATION	PQL
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Naphthalene	0.7%*	
4-Chloroaniline	ND	
2,6-Dichlorophenol	ND	
Hexachlorobutadiene	ND	
N-Nitroso-di-n-butylamine	ND	
4-Chloro-3-methylphenol	ND	
2-Methylnaphthalene	0.2%*	
Hexachlorocyclopentadiene	ND	
1,2,4,5-Tetrachlorobenzene	ND	
2,4,6-Trichlorophenol	ND	
2,4,5-Trichlorophenol	ND	
2-Chloronaphthalene	ND	
1-Chloronaphthalene	ND	
2-Nitroaniline	ND	
Dimethylphthalate	ND	
2,6-Dinitrotoluene	ND	
Acenaphthylene	ND	
3-Nitroaniline	ND	
4-Nitrophenol	ND	
2,4-Dinitrophenol	ND	
Acenaphthene	ND	
2,4-Dinitrotoluene	ND	
Pentachlorobenzene	ND	
Dibenzofuran	ND	
1-Naphthylamine	ND	
Diethylphthalate	ND	
2,3,4,6-Tetrachlorophenol	ND	
2-Naphthylamine	ND	
4-Chlorophenyl phenyl ether	ND	
4-Nitroaniline	ND	
Fluorene	ND	
4,6-Dinitro-2-methylphenol	ND	
4-Aminobiphenyl	ND	
1,2-Diphenylhydrazine	ND	
Phenacetin	ND	
4-Bromophenyl phenyl ether	ND	
Hexachlorobenzene	ND	
Pronamide	ND	
N-Nitrosodiphenylamine/Diphenylamine	ND	
Pentachlorophenol	ND	
Pentachloronitrobenzene	ND	
Phenanthrene	ND	
Anthracene	ND	
Di-n-butylphthalate	ND	
Fluoranthene	ND	

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**SEMIVOLATILE ORGANICS BY EPA METHOD 8270**

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COMPOUNDS	CONCENTRATION	PQL
Benzidine	ND	
Pyrene	ND	
p-Dimethylaminoazobenzene	ND	
Butylbenzylphthalate	ND	

Bis(2-ethylhexyl)phthalate	ND	
3,3'-Dichlorobenzidine	ND	
Benzo(a)anthracene	ND	
Chrysene	ND	
Di-n-octylphthalate	ND	
7,12-Dimethylbenz(a)anthracene	ND	
Benzo(b)fluoranthene	ND	
Benzo(k)fluoranthene	ND	
Benzo(a)pyrene	ND	
3-Methylcholanthrene	ND	
Dibenz(a,j)acridine	ND	
Indeno(1,2,3-cd)pyrene	ND	
Dibenz(a,h)anthracene	ND	
Benzo(g,h,i)perylene	ND	

PQL = Practical Quantitation Limit

BQL = Below Quantitation Limit

Surrogate Standards	Recovery %
2-Fluorophenol	NA
Phenol-d6	NA
Nitrobenzene-d5	NA
2-Fluorobiphenyl	NA
2,4,6-Tribromophenol	NA
p-Terphenyl-d14	NA

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Listed below are compounds not associated with the calibration standards.  
A library search of these compounds was made for the purpose of  
tentative identification and estimated concentration.

COMPOUNDS	Percent
1,3,5-Cycloheptatriene	3.8
Benzene, 1,3-dimethyl-	0.3
Benzene, 1,2-dimethyl	0.3
Bicyclo[2.2.1]hept-2-ene,5-ethenyl-	0.1
Benzene,1-ethenyl-2-methyl	0.2
Benzene,(1-methylethenyl)-	0.2
4,7-Methano-1H-indene,3a,4,7,7a-tetrahydro	2.5
1,3,5,7-Cyclooctatetraene	2.1
1-Butyn-3-one	0.2